Plates:

LD94b

Conditions:

BLK

AMPA 8μM /10 mL

+ (1) 0.5μM

+ " 1μM

+ 3μM

+ 10μM

Same for (3) and (5)

Calcs: 1:10 dilution of compounds → in MS

(1) Hexa = 93

(3) Penta1 = 97

(5) Penta2 = 1.2

(1.25 mL)(0.75μM) = x (937) x = 1μL

x (977) x = 0.96 μL

x (1.295) x = 0.77 μL

(1.25 mL)(1.5) = x above x = 2 μL

x = 1.92 μL

x = 1.44 μL

(1.25 mL)(4.5μM) = x above x = 6 μL

x = 5.8 μL

x = 4.3 μL

(1.25 mL)(15μM) = x above x = 2 μL

order: x = 1.92 μL

use basic x = 1.44 μL

stocks

AMPA: (1.25 mL)(12μM) = x 10 mM x = 1.5 μL

MK: (1.25 mL)(15μM) = x 10 mM x = 1.875 μL

In @ 5:30 PM.